

AMENDMENTS TO THE CLAIMS

1-2. (Canceled)

3. (Currently Amended) The SAW resonator of claim ~~[[2]]~~ 16, wherein said first finger-electrodes and said second finger-electrodes are arranged in a face-to-face manner.

4. (Currently Amended) The SAW resonator of claim ~~[[1]]~~ 16,
wherein said first finger-electrodes are respectively arranged at intervals of a propagation wavelength of the SAW,
wherein said second finger-electrodes are respectively arranged at intervals of a propagation wavelength of the SAW, and
wherein said first finger-electrodes are arranged to directly face said second-finger electrodes along a propagating direction of the SAW.

5. (Currently Amended) The SAW resonator of claim ~~[[1]]~~ 16,
wherein said first finger-electrodes are respectively arranged at intervals of a propagation wavelength of the SAW,
wherein said second finger-electrodes are respectively arranged at intervals of a propagation wavelength of the SAW, and
wherein said first finger-electrodes and said second finger-electrodes are respectively arranged to face each other and to deviate from each other by a given distance along a propagation direction of the SAW.

6. (Original) The SAW resonator of claim 5, wherein the given distance is one of

$\lambda/2$ and $\lambda/4$, where λ is the propagation wavelength of the SAW.

7. (Original) The SAW resonator of claim 4, wherein said strip-line electrodes are disposed with a deviation of $\lambda/2$, where λ = a wavelength of the SAW, from respective centers of said first finger-electrodes and said second finger-electrodes.

8. (Original) The SAW resonator of claim 7,
wherein a first area, where said first finger-electrodes and said strip-line electrodes overlap with each other, forms a first resonating unit, and
wherein a second area, where said second finger-electrodes and said strip-line electrodes overlap with each other, forms a second resonating unit.

9. (Original) The SAW resonator of claim 5, wherein said strip-line electrodes are separated from said first finger-electrodes and said second finger-electrodes respectively with substantially equal spaces in between, and wherein each one of said strip-line electrodes is shaped like a dogleg.

10-13. (Canceled)

14. (Currently Amended) The SAW resonator of claim ~~13~~ 16, wherein each of said dummy electrodes has a length of not less than $\lambda/2$, where λ = a wavelength of the SAW.

15. (Currently Amended) The SAW resonator of claim ~~13~~ 16, wherein each of said dummy electrodes faces a respective one of said strip-line electrodes with a space in-between of not more than $\lambda/4$, where λ = a wavelength of the SAW.

16. (Currently Amended) A surface acoustic wave (SAW) resonator comprising:
a piezoelectric substrate;
an interdigital transducer (IDT) electrode formed on said piezoelectric substrate; and
a reflector electrode disposed adjacent to said IDT electrode;
wherein said IDT electrode comprises:
a plurality of first finger-electrodes;
a plurality of second finger-electrodes;
a plurality of strip-line electrodes;
a first bus-bar electrode coupled to said first finger-electrodes; and
a second bus-bar electrode coupled to said second finger-electrodes;
wherein said first finger-electrodes and said second finger-electrodes do not overlap
with each other, but are acoustically coupled together by said strip-line electrodes,
wherein said strip-line electrodes overlap with at least one of said first finger-
electrodes and said second finger-electrodes,
wherein said IDT electrode and said reflector electrode form at least two resonating
units,
wherein said at least two resonating units are coupled in series via said strip-line
electrodes,

wherein said IDT electrode further comprises a plurality of dummy electrodes
respectively disposed between said first finger-electrodes and said second finger-electrodes
such that each of said dummy electrodes faces a respective one of said strip-line electrodes,
and

The SAW resonator of claim 13,

wherein each of said dummy electrodes has a width greater than that of each of said first finger-electrodes and that of each of said second finger-electrodes.

17. (Canceled)

18. (Original) A surface acoustic wave (SAW) filter comprising:

a piezoelectric substrate;

a plurality of interdigital transducer (IDT) electrodes disposed on said piezoelectric substrate adjacent to each other along a propagating direction of the SAW;

a first reflector electrode disposed at a first side of said plurality of IDT electrodes; and

a second reflector electrode disposed at a second side of said plurality of IDT electrodes,

wherein at least one of said IDT electrodes includes a first finger-electrode, a second finger-electrode and a strip-line electrode, and

wherein said first finger-electrode and said second finger-electrode do not overlap with each other but are acoustically coupled together by said strip-line electrode.

19. (Original) The SAW filter of claim 18, wherein said plurality of IDT electrodes

includes a first IDT electrode, a second IDT electrode, and a third IDT electrode,

wherein said second IDT electrode is disposed between said first IDT electrode and said third IDT electrode, and includes said first finger-electrode, said second finger-electrode and said strip-line electrode,

wherein said first finger-electrode and said second finger-electrode do not overlap with each other but are acoustically coupled together by said strip-line electrode,

wherein each of said first IDT electrode and said third IDT electrode are formed of two IDT electrode patterns coupled together in parallel.

20. (Canceled)